



1. REMOVE DCOR, FRAME AND HARDWARE. HARDWARE TO BE TURNED OVER TO COR
2. REMOVE EXISTING ROOF AND INSULATION IN ITS ENTIRETY AND MAINTAIN WATER-TIGHT CONDITIONS. WORK TO BE PERFORMED BY A NORTH CAROLINA ACCREDITED ASBESTOS ROOFING WORKER/SUPERVISOR
3. REMOVE EXISTING FLOOR MATERIAL IN ITS ENTIRETY
4. REMOVE EXISTING WALL IN ITS ENTIRETY

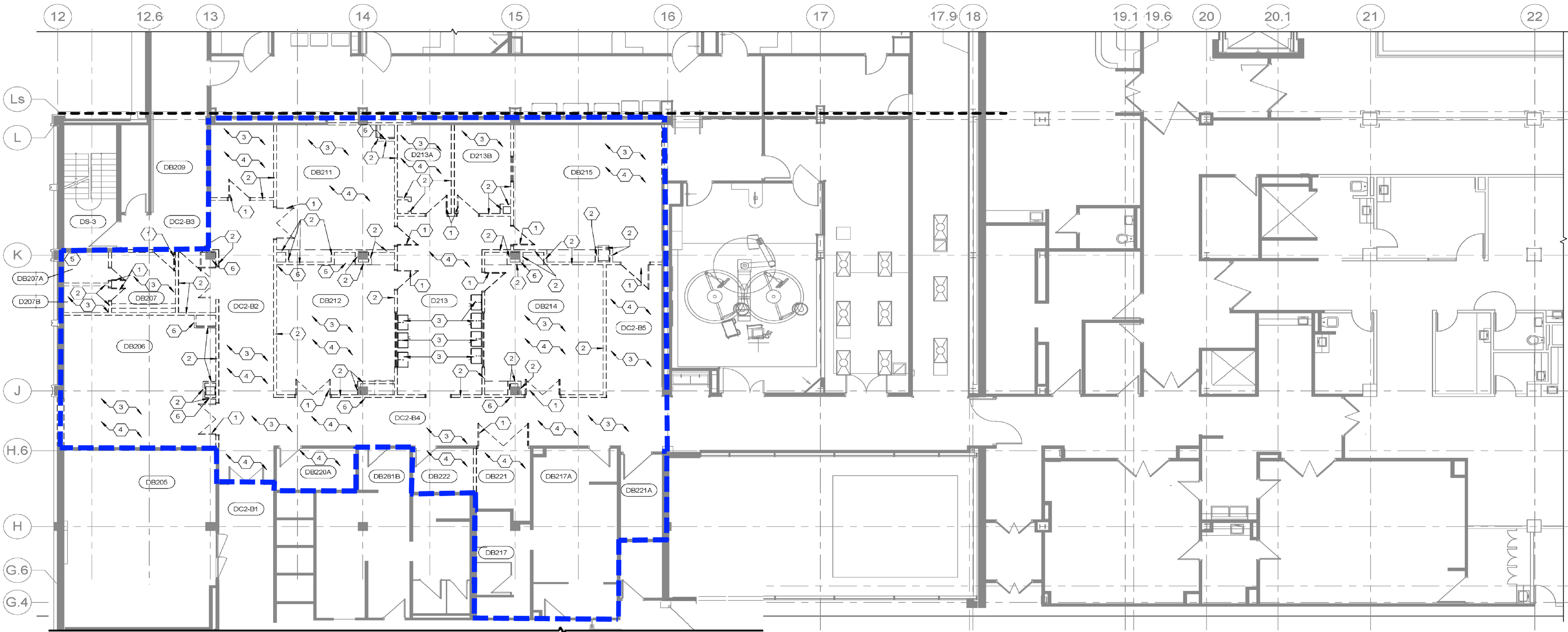
 PHASE 1 WORK AREA

Medical Center, Asheville, NC, VA Project No. 637-315
Renovate and Expand Operating Rooms

- # KEY PLAN
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- The Key Plan shows the building footprint overlaid on a grid. The horizontal grid lines are labeled 1 through 12 at the top. The vertical grid lines are labeled A through D on the right. The building footprint is divided into several areas: 1A (top right, hatched), 1B (middle right), 2A (bottom right), 2B (bottom middle), STAIRS (middle left), and ELEVATORS (bottom right, near the center). A dashed line indicates the 'PARTIAL BUILDING FOOTPRINT'. A legend in the top left shows a hatched square for 'PROJECT LIMITS / PHASE'. A compass rose in the bottom left indicates 'PLAN NORTH' (pointing up) and 'ACTUAL NORTH' (pointing towards the top-left).

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ASBESTOS ABATEMENT PLAN SECOND FLOOR - PHASE 1

FLOOR PLAN ASBESTOS ABATEMENT NOTES

1. REMOVE DOOR, FRAME AND HARDWARE. HARDWARE TO BE TURNED OVER TO COR
2. REMOVE EXISTING WALL IN ITS ENTIRETY
3. REMOVE ALL PIPE FITTING INSULATION FROM WORK AREA
4. REMOVE FLOORING MATERIAL IN ITS ENTIRETY. ENTIRE WORK AREA FLOOR TO BE ABATED
5. REMOVE TRANSITE PIPE
6. REMOVE PLASTER AROUND COLUMN

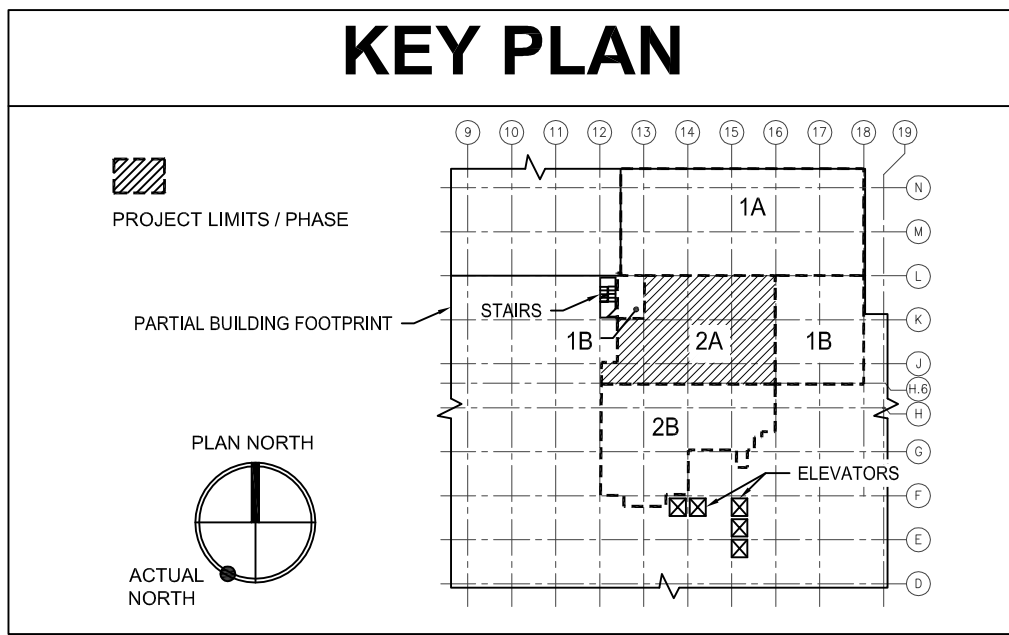
PHASE 2 WORK AREA

ASBESTOS ABATEMENT NOTES




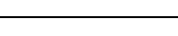

Medical Center, Asheville, NC, VA Project No. 637-315
Renovate and Expand Operating Rooms

1. ALL ASBESTOS REMOVAL CONDUCTED AT THE VAMC - ASHEVILLE, VA PROJECT # 637-315, RENOVATE AND EXPAND OPERATING ROOMS, SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, GUIDELINES, REGULATIONS, ORDERS AND DIRECTIVES, INCLUDING, WITHOUT LIMITATION, THOSE OF THE RESPONSIBLE NORTH CAROLINA AGENCIES: U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA), U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH), AND THE WESTERN NORTH CAROLINA AIR QUALITY AGENCY (WNCRAQA).
2. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, FACILITIES, EQUIPMENT, SERVICES, ETC. NECESSARY TO PERFORM THE WORK REQUIRED FOR ASBESTOS ABATEMENT IN ACCORDANCE WITH THE PROJECT MANUAL, EPA, OSHA REGULATIONS AND NIOSH RECOMMENDATIONS, NORTH CAROLINA ADMINISTRATIVE CODE CHAPTER 10-A, SUBCHAPTER 41C - OCCUPATIONAL HEALTH SECTION .0600 - ASBESTOS MANAGEMENT PROGRAM AND ANY OTHER APPLICABLE FEDERAL, STATE, AND LOCAL GOVERNMENT REGULATIONS.
3. CONTRACTOR SHALL DEVELOP AND IMPLEMENT A WRITTEN STANDARD PROCEDURE FOR ABATEMENT WORK TO ENSURE MAXIMUM PROTECTION AND SAFEGUARDS FROM ASBESTOS EXPOSURE OF THE WORKERS, VAMC VISITORS, VAMC EMPLOYEES, GENERAL PUBLIC, AND THE ENVIRONMENT.
4. CONTRACTOR SHALL PROVIDE SIGNS, LABELS, WARNINGS AND POSTED INSTRUCTIONS THAT ARE NECESSARY TO PROTECT, INFORM AND WARN PEOPLE OF THE HAZARD FROM ASBESTOS EXPOSURE. POST IN A PROMINENT AND CONVENIENT PLACE FOR THE WORKERS AND A COPY OF THE LATEST APPLICABLE REGULATIONS FROM OSHA, EPA, AND NIOSH.
5. THE CONTRACTOR SHALL PROVIDE ALL ELECTRICAL, WATER, AND WASTE CONNECTIONS, TIE-INS, EXTENSIONS, AND CONSTRUCTION MATERIALS, SUPPLIES, ETC., AS REQUIRED TO COMPLETE THE ASBESTOS REMOVAL.
6. CONTRACTOR SHALL PROVIDE TEMPORARY ELECTRIC AND LIGHTING THROUGHOUT THE OPERATING ROOMS AS REQUIRED, IN ACCORDANCE WITH OSHA REGULATIONS.
7. CONTRACTOR SHALL COMPLETELY PROTECT ALL CONTROL PANELS, ELECTRICAL PANELS, EQUIPMENT, ETC. WITHIN THE WORK AREAS.
8. CONTRACTOR SHALL PROVIDE COMPLETE ISOLATION AND PROTECTION FOR ALL UNINSULATED AND/OR NON-ASBESTOS INSULATED MECHANICAL EQUIPMENT.
9. CONTRACTOR SHALL SEAL ALL GRILLES, VENTS, DIFFUSERS, ETC. IN EACH WORK AREA AS REQUIRED BY THE CONTRACT DOCUMENTS AND AS NECESSITATED BY FIELD CONDITIONS.
10. CONTRACTOR SHALL PROVIDE ALL WORKERS, VAMC REPRESENTATIVE OR HIS DESIGNEE, THE CONSULTANT AND HIS TECHNICIAN WITH THE PROPER OSHA APPROVED FALL PROTECTION EQUIPMENT, INCLUDING BUT NOT LIMITED TO, FULL BODY HARNESS EQUIPPED WITH ADEQUATE LANYARDS WHERE APPLICABLE IN ACCORDANCE WITH OSHA REGULATIONS. CONTRACTOR SHALL ALSO PROVIDE ALL NECESSARY SAFETY TRAINING AND PROCEDURES ASSOCIATED WITH FALL PROTECTION EQUIPMENT AND SHALL INSURE THAT ALL FALL PROTECTION EQUIPMENT IS PROPERLY WORN AND UTILIZED AT ALL TIMES WHILE IN THE AREA WITH NO EXCEPTIONS.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING AND/OR REPAIRING ANY EQUIPMENT, MATERIALS, INSULATION, FURNISHINGS, BUILDING STRUCTURE, ETC., DAMAGED DURING THE COURSE OF THE WORK AT NO ADDITIONAL COST TO THE VA.

12. CONTRACTOR SHALL PROVIDE AS MANY SHIFTS OF WORKERS AS WILL BE NECESSARY TO COMPLETE THE JOB IN THE AMOUNT OF TIME SPECIFIED IN THE CONTRACT DOCUMENTS.
13. CONTRACTOR SHALL PROVIDE ALL SCAFFOLDING EQUIPMENT, TOOLS, TRANSPORTATION EQUIPMENT, VACUUM EQUIPMENT, SPRAYERS, ETC. AS REQUIRED AND/OR AS NECESSARY TO COMPLETE ALL WORK REQUIRED BY THE CONTRACT DOCUMENTS.
14. CONTRACTOR SHALL COMPLETELY ISOLATE THE OPERATING ROOMS/WORK AREAS AS DESCRIBED IN THE CONTRACT DOCUMENTS. ALL CRITICAL BARRIERS, DECONTAMINATION UNITS, PLASTIC SHEETING, AIR FILTRATION DEVICES, RESPECTIVE MANIFOLDS, ETC. ARE TO BE IN PLACE AND APPROVED BY THE CONSULTANT PRIOR TO ASBESTOS REMOVAL.
15. CONTRACTOR SHALL LOCATE AND SEAL ALL PENETRATIONS THROUGH THE OPERATING ROOMS/WORK AREAS BUT NOT LIMITED TO PIPE, DUCT, CONDUIT, CHASES, SHAFT WAYS, AND OPENINGS IN FIRE WALLS OR DECKS BETWEEN FLOORS AS REQUIRED BY THE FIELD CONDITIONS.
16. ALL LUMBER AND POLYETHYLENE MATERIALS USED FOR THIS PROJECT ARE TO BE FIRE RESISTANT.
17. CONTRACTOR SHALL COORDINATE WITH THE VAMC-ASHEVILLE - ASHEVILLE FOR THE COMPLETE SHUTDOWN OF ALL HVAC UNITS WHICH SERVICE THE OPERATING ROOMS.
18. SHOWER AND WASTE WATER SHALL BE TREATED AND DISPOSED AS SPECIFIED IN THE PROJECT SPECIFICATIONS.
19. CONTRACTOR SHALL PROVIDE PORTABLE CABINET-MOUNTED AIR FILTRATION DEVICES (AFD) EQUIPPED WITH HEPA FILTRATION AT 99.97% EFFICIENCY, TO 3 MICRONS. THE NUMBER OF AFDs SHALL BE IN SUCH A MANNER AS TO INSURE A MINIMUM OF FOUR (4) COMPLETE AIR CHANGES PER HOUR AND MAINTAIN A MINIMUM NEGATIVE PRESSURE DIFFERENTIAL OF 0.05 INCHES OF WATER COLUMN.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CONNECTIONS, FASTENERS, FLEXIBLE DUCT, MANIFOLD, SUPPORTING SUSPENSION, ETC. FROM AFD UNITS TO EXHAUST LOCATIONS. INSTALLATION OF AFDs SHALL COMPLY WITH CONSULTANT'S INSTRUCTIONS AND MANUFACTURER'S REQUIREMENTS.
21. CONTRACTOR SHALL REMOVE ALL ASBESTOS-CONTAINING MATERIALS FROM EACH WORK AREA INDICATED ON THE CONTRACT DRAWINGS.
22. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE PRIOR TO SUBMISSION OF BID, AND REPORT ANY DISCREPANCIES TO THE CONSULTANT IN WRITING. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON DRAWINGS, GENERAL NOTES, AND PROJECT SPECIFICATIONS.
23. ALL AREAS OF THIS BUILDING WITH THE EXCEPTION OF THE DESIGNATED WORK AREAS SHALL REMAIN OCCUPIED WITH OTHER TRADE WORKERS AND VA BUILDING PERSONNEL THROUGHOUT THE ABATEMENT PROJECT.



BID DOCUMENTS
FULLY SPRINKLERED

			CONSULTANTS:				ARCHITECT / ENGINEERS:		Drawing Title ASBESTOS ABATEMENT PLAN SECOND FLOOR - PHASE 2		Project Title RENOVATE AND EXPAND OPERATING ROOMS		Project Number 637-315		Office of Construction and Facilities Management  Department of Veterans Affairs			
			 TTE ENVIRONMENTAL, INC. 1253 NORTH CHURCH STREET MOORESTOWN, NJ 08057		 8815 CENTRE PARK DRIVE, SUITE 200 COLUMARIA, MD 21045 410-750-5246 (BALT) 410-750-2686 (PAK) KA PROJECT NUMBER: M032-06		 Miller-Remick LLC M.E.P. & Structural Engineering A Service Disabled Veteran Owned Small Business 1010 KINGS HIGHWAY SOUTH CHERRY HILL, NEW JERSEY 08034 PHONE: (856) 424-4000 FAX: (856) 423-5002		 PF&A DESIGN ARCHITECTURE, PLANNING, INTERIORS World Trade Center 101 West Main Street, Suite 7000 Norfolk, VA 23510 Phone: 757-471-4537 Fax: 757-471-4535 www.pfa-architect.com		Location CHARLES GEORGE VAMC ASHEVILLE, NC		Building Number 47					
NO. DESCRIPTION DATE							Approved: Medical Center Director		Date 11-16-2015		Checked jag		Drawing Number ASB102.2				Drawn ddc	



- PHASE 2 WORK AREA**

ASBESTOS ABATEMENT NOTES
Medical Center, Asheville, NC, VA Project No. 637-315
Renovate and Expand Operating Rooms

- # KEY PLAN
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- The Key Plan shows the building footprint on a grid. The grid is labeled with letters A through H horizontally and numbers 1 through 8 vertically. The building footprint is outlined with a dashed line. The plan includes the following features:
- PROJECT LIMITS / PHASE:** Indicated by a hatched pattern.
 - PARTIAL BUILDING FOOTPRINT:** The area within the dashed line.
 - STAIRS:** Located in the upper left portion of the footprint.
 - ELEVATORS:** Located in the lower right portion of the footprint.
 - Zones:** Labeled areas within the footprint include 1A, 1B, 2A, 2B, 3A, and 3B.
 - PLAN NORTH:** A circular arrow indicating the orientation.
 - ACTUAL NORTH:** A circular arrow indicating the true north direction.

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VA FORM 08-6231